

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b> <table border="1"> <tr> <td>Application Number</td> <td>10/077,617</td> </tr> <tr> <td>Filing Date</td> <td>2/15/2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Huang</td> </tr> <tr> <td>Art Unit</td> <td>Not yet assigned</td> </tr> <tr> <td>Examiner Name</td> <td>Not yet assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>24133711.18</td> </tr> </table>		Application Number	10/077,617	Filing Date	2/15/2002	First Named Inventor	Huang	Art Unit	Not yet assigned	Examiner Name	Not yet assigned	Attorney Docket Number	24133711.18
Application Number	10/077,617																
Filing Date	2/15/2002																
First Named Inventor	Huang																
Art Unit	Not yet assigned																
Examiner Name	Not yet assigned																
Attorney Docket Number	24133711.18																
Sheet	1	of	1														

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
pmg		US-5016242	05-14-1991	Tang	
		US-5600467	02-04-1997	Fee	
		US-5963364	10-05-1999	Leong.et.al.	
		US-5119443	06-02-1992	Javidi.et.al.	
		US-5657143	08-12-1997	Haji.et.al.	
		US-5596661	01-21-1997	Henry.et.al.	
		US-5111321	05-05-1992	Patel	
		US-6275328	08-14-2001	Parry.et.al.	
		US-6130731	10-10-2000	Andersson.et.al.	
		US-5978529	11-02-1999	Taga.et.al.	
		US-5592327	01-07-1997	Gabl.et.al.	
		US-6321000	11-20-2001	King	
		US-5978116	11-02-1999	Wu.et.al.	
		US-6034812	03-07-2000	Naito	
		US-5436760	07-25-1995	Nakabayashi	
		US-5889900	03-30-1999	Hallemeier	
		US-5963291	10-05-1999	Wu et.al.	
		US-5243455	09-07-1993	Johnson et.al.	
pmg		US-5381253	01-10-1995	Sharp et.al.	

RECEIVED

OCT 03

GROUP 3

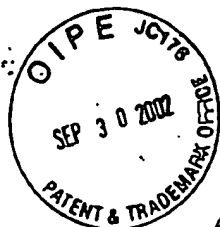
[illegible]

Examiner Signature	Mark Hellner	Date Considered	1/23/2005
-----------------------	--------------	--------------------	-----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



PTO/SB/088 (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/077,617
		Filing Date	2/15/2002
		First Named Inventor	Huang
		Group Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Sheet	2	of	2
		Attorney Docket Number	24133711.18

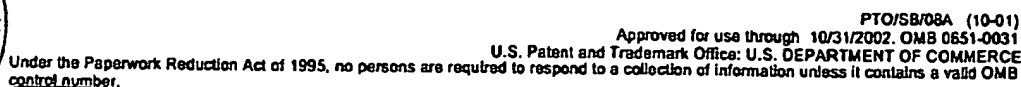
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
mgd		KIM et al., Dynamic Gain Equalization of Erbium-Doped Fiber Amplifier with All-Fiber Acousto-Optic Tunable Filters, OFC '98 Technical Digest, pp. 136-138.	
		PARRY et al., Dynamic Gain Equalisation of EDFAs with Fourier Filters, Nortel Networks.	
		BETTS et al., Split-Beam Fourier Filter and Its Application in a Gain-Flattened EDFA, OFC '95 Technical Digest, pp. 80-81.	
		FRISKEN et al., Low-Loss Polarisation-Independent Dynamic Gain-Equalisation Filter, Optical Fiber Communication Conference 2000, pp. 251-253, Vol. 2 (March 2000)	
		The Photonics Dictionary, Definition of Twisted Nematic Phase.	
		WU, Shin-Tson, Liquid Crystals, Chapter 14, pp. 14.1-14.26.	
mt		INOUE et al., Tunable Gain Equalization Using a Mach-Zehnder Optical Filter in Multistage Fiber Amplifiers, IEEE Photonics Technology Letters, Vol. 3, No. 8 (August 1991)	

Examiner Signature	Mark Hellner	Date Considered	1/23/05
-----------------------	--------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

[illegible][illegible]

Examiner Signature	Mark Hellner	Date Considered	1/23/2005
-----------------------	--------------	--------------------	-----------

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**